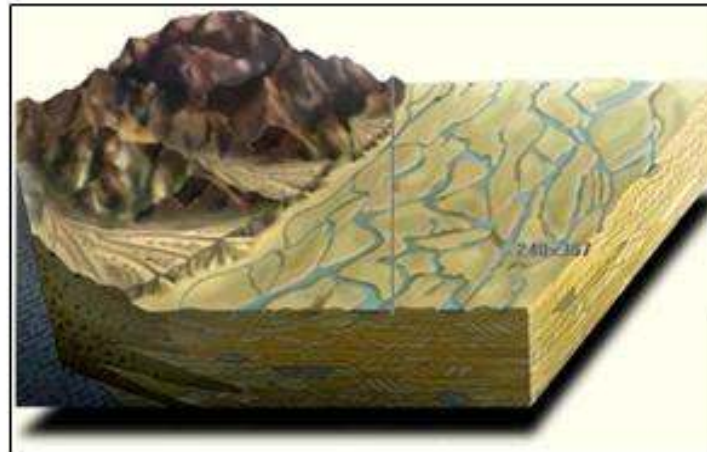




**WORKSHOP
ON
RECENT FLUVIAL SEDIMENTATION PROCESSES
RIVER BRAHMAPUTRA**

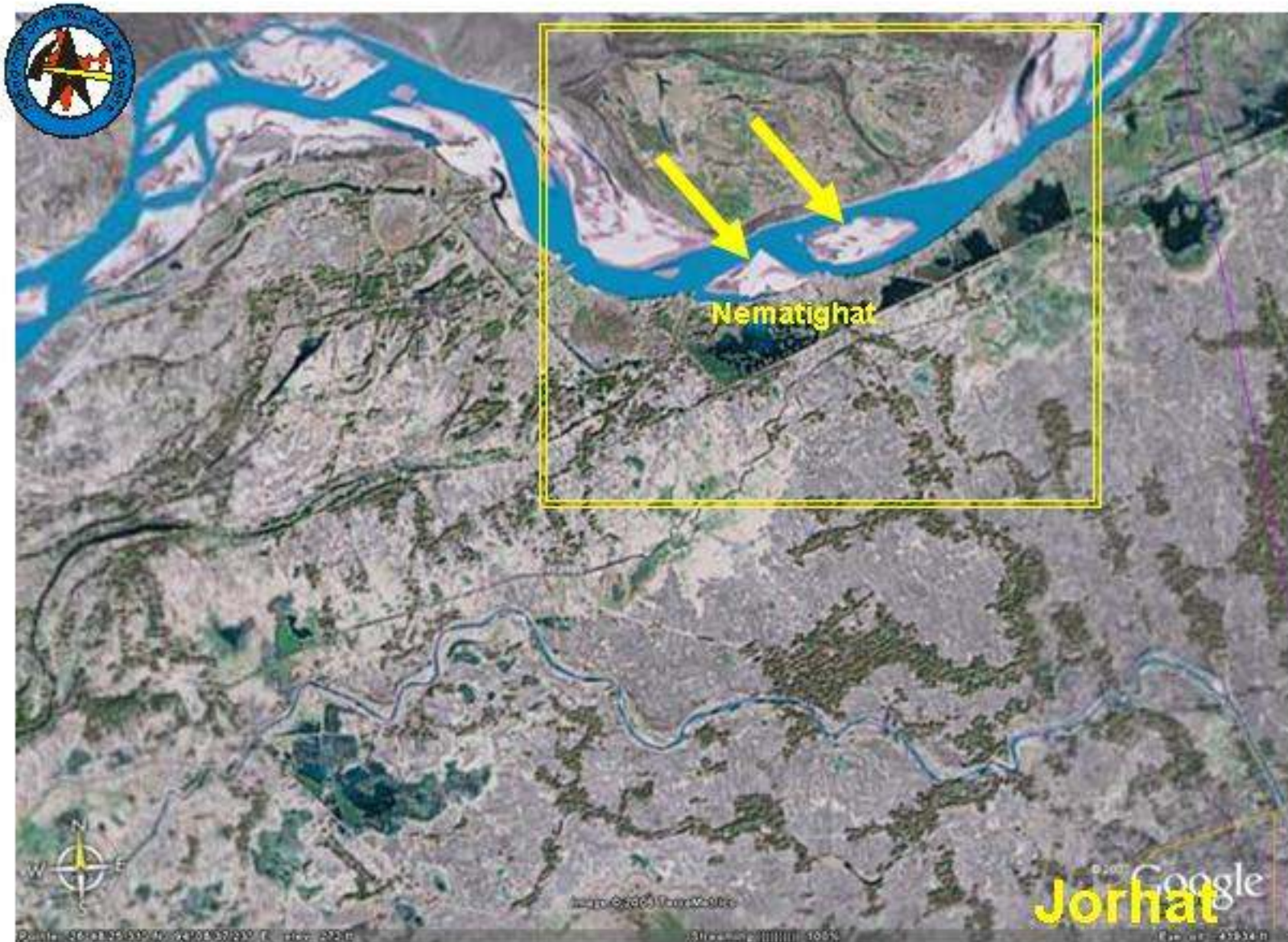


**ORGANISED BY APG – NE CHAPTER, JORHAT
6TH APRIL, 2006**



Objective

- To study the geometry in 3D space and understand relative disposition of various structures and sand forms.
- To understand genetic processes involved wrt to river dynamics and appreciate their evolution as an outcome of natural phenomenon.
- To understand and appreciate value of scale in geological understanding and also the concept of fractals and importance in overall exploration process.
- To appreciate and understand linkage of present to the geological records imprinted on rocks / seismic data / cases we study routinely as our data sets.
- Compare and feel the relationship between imprints we usually see on seismic section / time & horizon slices to their original geometries and imagine the deficiencies or lack of completeness of images which needs to be imagined.



The field workshop involved studying of sedimentary structures of Braided bars around Nematighat, Jorhat.



The enthusiastic members pitched APG flag on one of the Braided bars

6-4-2006



The participants could appreciate the geometry of the Bar in 3D space by cruising along it

6 4 2006



The close up view of the Bar revealing its internal architecture



30m



6 4 2006

Bar showing repeated channel cut & filling



CROSS BEDDING





Abandoned channel



**Top of the Bar showing migrating Ripples.
Cross Bedding can also be seen**



The Basin Manager Shri Sahashrabudhe mentioned the need and the importance of such Field workshops as they help in better understanding of the sedimentary processes which leads to better integration of data.